

Technical Data

Automatic filters >

> Disk Filtering Stations OPENABLE SPINE SD-SUPERCLEAN



Filtration



DESCRIPTION:

Application
• Automatic disk filter for agriculture with a hydraulic release device

Specifics

- Maximum pressure: 8 bar
- Maximum working pressure: 2,8 bar
- Fittings: flanged
- Wastewater output: 2"
- Filtering element: disk, 140 mesh standard

• Lock-up cap: stainless steel band
• Code colour to identify filtration level
• 3 ways backwash valves
• Backwash control system by differential time and pressure

Features

- Control unit supply: 220V Ac-filter flush/battery (4x1,5V)/filtron 1-10
- Input/output manifolds printed mono-block

• Hydraulic safety-related control
• Backwash valve: Bermad Ø 2"
• 2" L filter with increased surface equal to a 3" standard filter

Materials

- High-density polypropylene manifolds
- Reinforced plastic hydrovalves

• Wide hydraulic passage for solenoids control

Inches	Backwash minimum flow-rate
2"L	10 m ³ /h
3"Double	15 m ³ /h

MANIFOLDS Ø MM			
Filter	Units	Ø*	
2"L	2	90	
2"L	3	110	
2"L	4	140	
2"L	5	160	
2"L	6	160	
3"Double	3	160	
3"Double	4	200	
3"Double	5	200	
3"Double	6	200	

SD-SUPERCLEAN FILTER WITH POWER SUPPLY 24 V AC					
Code	Model	Units	Valve Ø	Q _{max} m ³ /h	
AFL2068	SD-SUPERCLEAN 2x2"L	2	2" x 2" x 2"	52	
AFL2069	SD-SUPERCLEAN 3x2"L	3	2" x 2" x 2"	78	
AFL2070	SD-SUPERCLEAN 4x2"L	4	2" x 2" x 2"	104	
AFL2071	SD-SUPERCLEAN 5x2"L	5	2" x 2" x 2"	130	
AFL2072	SD-SUPERCLEAN 6x2"L	6	2" x 2" x 2"	156	
AFL3003	SD-SUPERCLEAN 3x3"Double	3	3" x 2" x 3"	150	
AFL3004	SD-SUPERCLEAN 4x3"Double	4	3" x 2" x 3"	200	
AFL3005	SD-SUPERCLEAN 5x3"Double	5	3" x 2" x 3"	250	

WORKING FLOW-RATE M³/H

Model	Water quality		
	High	Medium	Low
2 x 2"L	44	31	21
3 x 2"L	66	47	31
4 x 2"L	88	62	42
5 x 2"L	111	78	52
6 x 2"L	133	94	62
3 x 3"Double	128	90	60
4 x 3"Double	170	120	80
5 x 3"Double	213	150	100
6 x 3"Double	256	180	120

Other diameters on request
• Calculated on grade of filtration of 140 mesh/105 micron

Ø	Units				
	2	3	4	5	6
	mm ² filtering surface				
2"L	3.100	4.650	6.200	7.750	9.300
3"Double	9.300	12.400	15.500	18.600	

SD-SUPERCLEAN FILTER WITH POWER SUPPLY 12 V DC LATCH					
Code	Model	Units	Valve Ø	Q _{max} m ³ /h	
AFL2102	SD-SUPERCLEAN 2x2"L	2	2" x 2" x 2"	52	
AFL2103	SD-SUPERCLEAN 3x2"L	3	2" x 2" x 2"	78	
AFL2104	SD-SUPERCLEAN 4x2"L	4	2" x 2" x 2"	104	
AFL2105	SD-SUPERCLEAN 5x2"L	5	2" x 2" x 2"	130	
AFL2106	SD-SUPERCLEAN 6x2"L	6	2" x 2" x 2"	156	
AFL3103	SD-SUPERCLEAN 3x3"Double	3	3" x 2" x 3"	150	
AFL3104	SD-SUPERCLEAN 4x3"Double	4	3" x 2" x 3"	200	
AFL3105	SD-SUPERCLEAN 5x3"Double	5	3" x 2" x 3"	250	

Note: for the filter code without control unit and pressure switch add -S to the code in the table (ex: AFL1065-S)

For management with other automation systems insert differential pressure switch

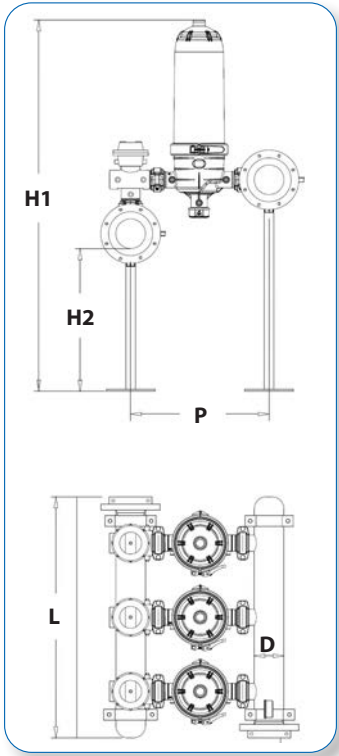


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Model	Dimensions mm				
	L	P	H1	H2	D
2 x 2"	668	503	1.380	575	90
3 x 2"	895	513	1.380	585	110
4 x 2"	1.170	513	1.380	585	140
5 x 2"	1.400	513	1.380	585	160

Model	Dimensions mm				
	L	P	H1	H2	D
3 x 3"	895	1.655	1.450	-	160
4 x 3"	1.170	1.655	1.450	-	200
5 x 3"	1.400	1.655	1.450	-	200



Filtration

